

=> d his ful

(FILE 'HOME' ENTERED AT 15:40:55 ON 29 SEP 2006)

FILE 'REGISTRY' ENTERED AT 15:41:40 ON 29 SEP 2006

L1 STRUCTURE UPLOADED

L2 1 SEA SSS SAM L1

L3 8 SEA SSS FUL L1

D L3 1-8 IDE

L\*\*\* DEL 0 C QUE STA

FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:43:14 ON 29 SEP 2006

L4 8 SEA ABB=ON PLU=ON L3

L5 8 DUP REM L4 (0 DUPLICATES REMOVED)

ANSWERS '1-6' FROM FILE HCAPLUS

ANSWERS '7-8' FROM FILE USPATFULL

D L5 1-8 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 SEP 2006 HIGHEST RN 909072-65-7

DICTIONARY FILE UPDATES: 28 SEP 2006 HIGHEST RN 909072-65-7

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS

FILE COVERS 1907 - 29 Sep 2006 VOL 145 ISS 15

FILE LAST UPDATED: 28 Sep 2006 (20060928/ED)

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 28 Sep 2006 (20060928/PD)

FILE LAST UPDATED: 28 Sep 2006 (20060928/ED)

CA INDEXING IS CURRENT THROUGH 28 Sep 2006 (20060928/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 28 Sep 2006 (20060928/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2006

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 28 Sep 2006 (20060928/PD)

FILE LAST UPDATED: 28 Sep 2006 (20060928/ED)

CA INDEXING IS CURRENT THROUGH 28 Sep 2006 (20060928/UPCA)

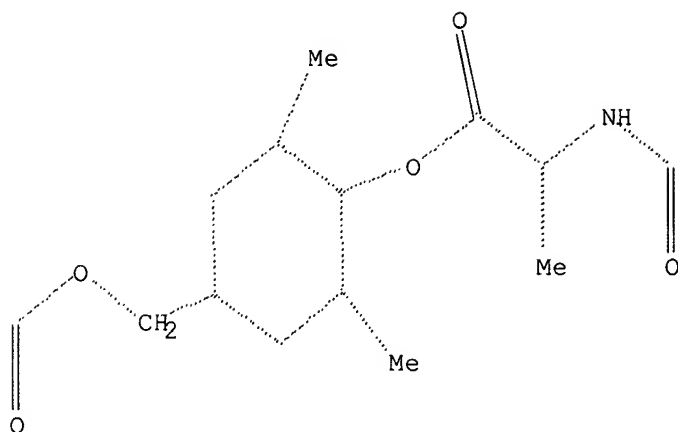
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 28 Sep 2006 (20060928/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2006

=> d que sta

L1

STR



Structure attributes must be viewed using STN Express query preparation.

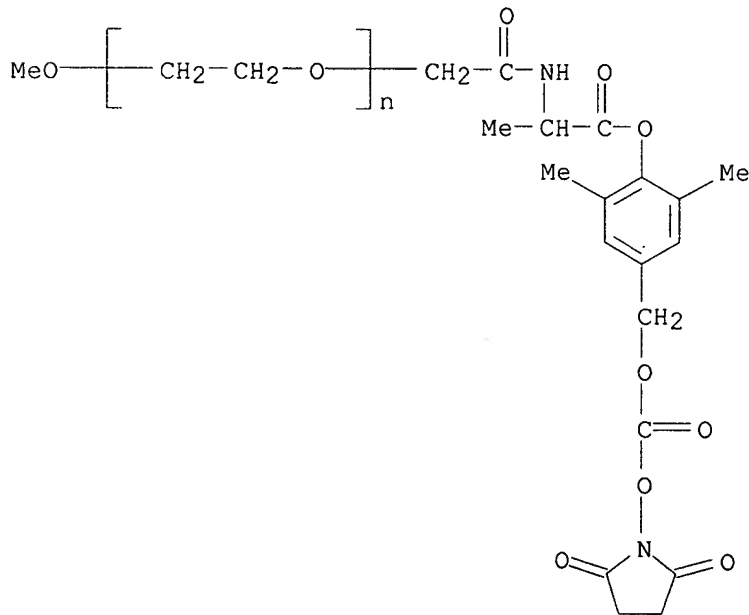
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L4 8 SEA L3

L5 8 DUP REM L4 (0 DUPLICATES REMOVED)

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L5 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2005:562019 HCAPLUS  
DOCUMENT NUMBER: 143:253714  
TITLE: A New platform for oligonucleotide delivery utilizing the PEG prodrug approach  
AUTHOR(S): Zhao, Hong; Greenwald, Richard B.; Reddy, Prasanna; Xia, Jing; Peng, Ping  
CORPORATE SOURCE: Enzon Pharmaceuticals Inc., Piscataway, NJ, 08854, USA  
SOURCE: Bioconjugate Chemistry (2005), 16(4), 758-766  
CODEN: BCCHE5; ISSN: 1043-1802  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 780810-34-6  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(new platform for oligonucleotide delivery utilizing PEG prodrug approach)  
RN 780810-34-6 HCAPLUS  
CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethyl]- $\omega$ -methoxy- (9CI) (CA INDEX NAME)

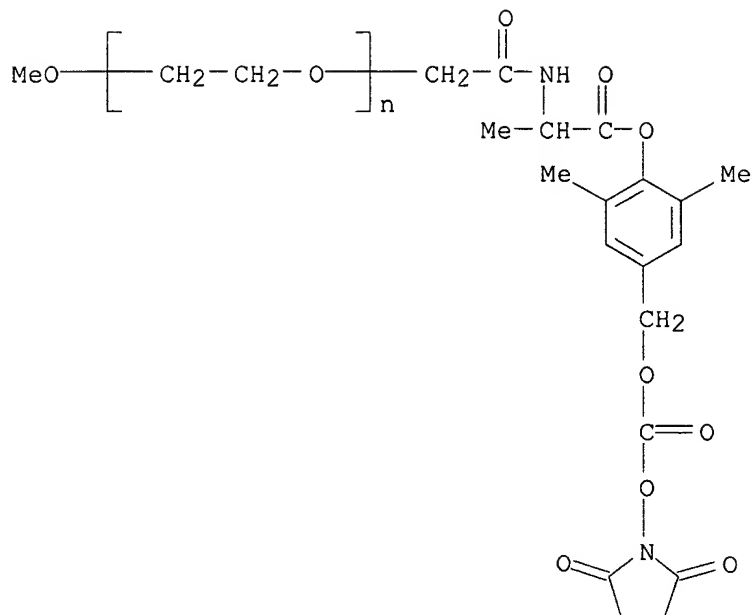


REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:902399 HCAPLUS  
DOCUMENT NUMBER: 141:395768  
TITLE: Preparation of polyethylene glycol oligodeoxyribonucleotide conjugates as antitumor prodrugs  
INVENTOR(S): Zhao, Hong; Greenwald, Richard B.

PATENT ASSIGNEE(S): Enzon Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 89 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004092191	A2	20041028	WO 2004-US10852	20040409
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004230927	A1	20041028	AU 2004-230927	20040409
CA 2520550	AA	20041028	CA 2004-2520550	20040409
US 2004235773	A1	20041125	US 2004-822205	20040409
EP 1620450	A2	20060201	EP 2004-749888	20040409
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
FI 2005001017	A	20051010	FI 2005-1017	20051010
PRIORITY APPLN. INFO.:			US 2003-462070P	P 20030413
			WO 2004-US10852	W 20040409
IT 780810-34-6				
RL:	RCT (Reactant); RACT (Reactant or reagent) (preparation of polyethylene glycol oligodeoxyribonucleotide conjugates as antitumor prodrugs)			
RN	780810-34-6 HCAPLUS			
CN	Poly(oxy-1,2-ethanediyl), $\alpha$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethyl]- $\omega$ -methoxy- (9CI) (CA INDEX NAME)			



L5 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:430983 HCAPLUS

DOCUMENT NUMBER: 141:12275

TITLE: Preparation of polymeric prodrugs of vancomycin

INVENTOR(S): Zhao, Hong; Greenwald, Richard B.

PATENT ASSIGNEE(S): Enzon Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 93 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004044222	A2	20040527	WO 2003-US35740	20031111
WO 2004044222	A3	20041021		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003287605	A1	20040603	AU 2003-287605	20031111
US 2004136947	A1	20040715	US 2003-705743	20031111
PRIORITY APPLN. INFO.:			US 2002-425892P	P 20021112
			WO 2003-US35740	W 20031111

OTHER SOURCE(S): MARPAT 141:12275

IT 693811-22-2P

RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of polymeric prodrugs of vancomycin)

RN 693811-22-2 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, N3'',N3''''-diether with N3''-[[[4-[(2S)-2-[(hydroxyacetyl)amino]-1-oxopropoxy]-3,5-dimethylphenyl]methoxy]carbonyl]vancomycin (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

IT 693811-21-1P

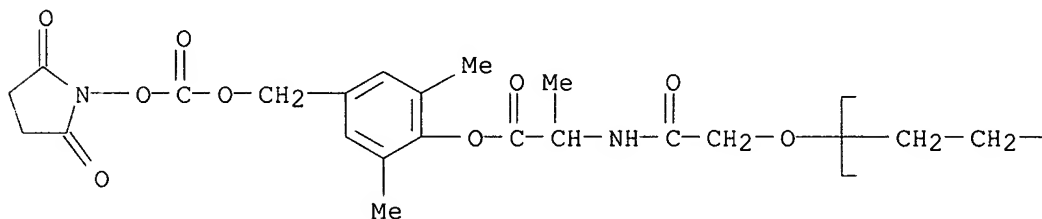
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of polymeric prodrugs of vancomycin)

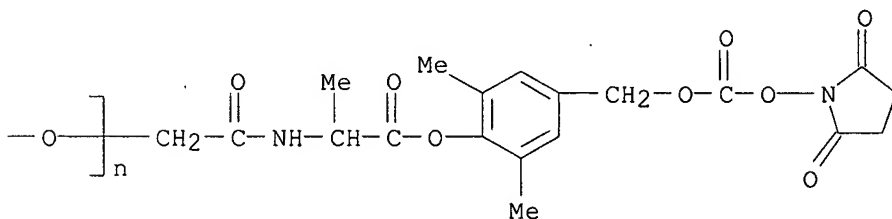
RN 693811-21-1 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethyl]- $\omega$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L5 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:784805 HCAPLUS

DOCUMENT NUMBER: 140:19693

TITLE: Poly(ethylene glycol) transport forms of vancomycin: a long-lived continuous release delivery system

AUTHOR(S): Greenwald, Richard B.; Zhao, Hong; Xia, Jing; Martinez, Anthony

CORPORATE SOURCE: Enzon Pharmaceuticals Inc., Piscataway, NJ, 00854, USA

SOURCE: Journal of Medicinal Chemistry (2003), 46(23), 5021-5030

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 627539-78-0P

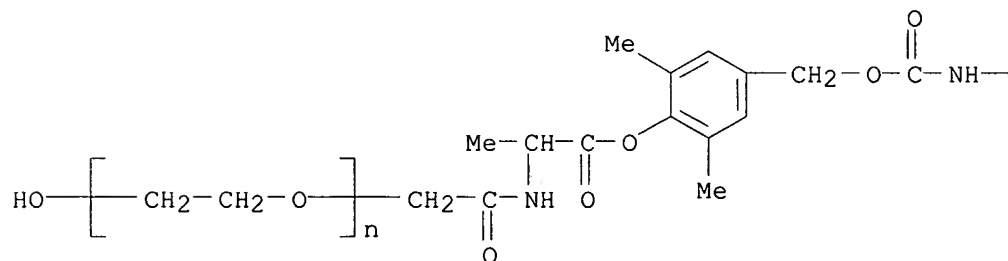
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(poly(ethylene glycol) transport forms of vancomycin offering a long-lived continuous release delivery system)

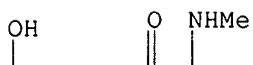
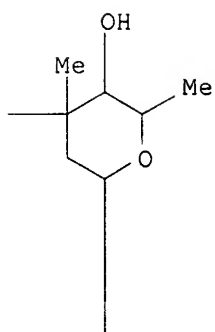
RN 627539-78-0 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, N3''-ether with N3''-[[[4-[(2S)-2-[(hydroxyacetyl)amino]-1-oxopropoxy]-3,5-dimethylphenyl]methoxy]carbonyl]vancomycin (1:1) (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

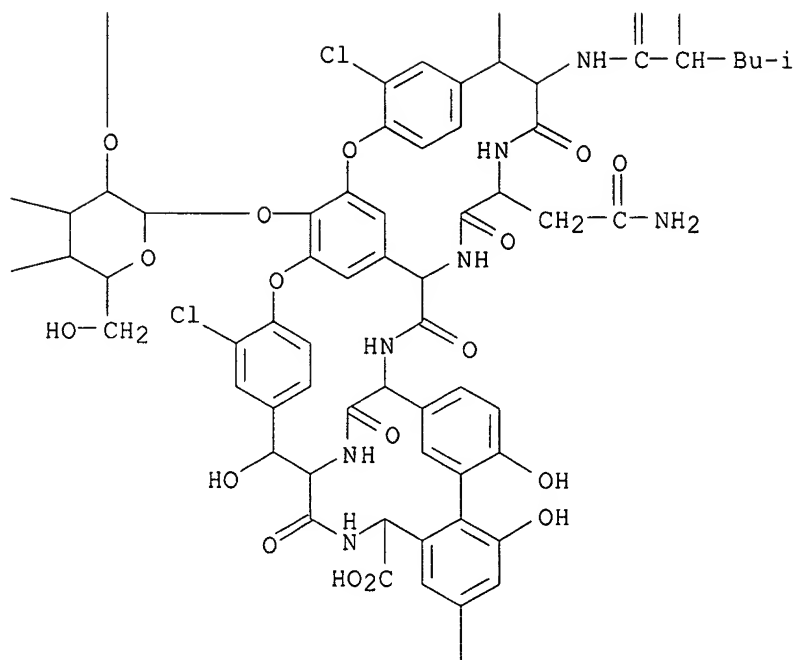


PAGE 2-A





PAGE 2-B



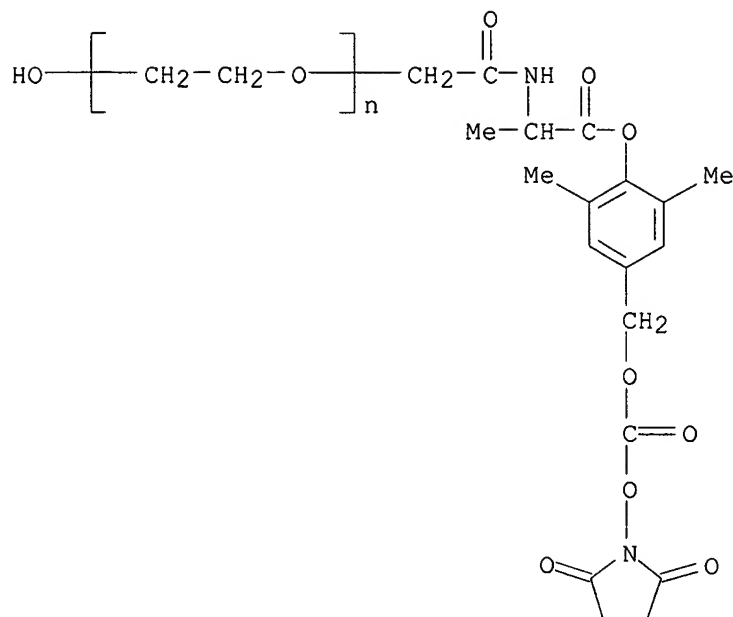
PAGE 3-B



IT **627539-76-8P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (poly(ethylene glycol) transport forms of vancomycin offering a long-lived continuous release delivery system)

RN 627539-76-8 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethyl]- $\omega$ -hydroxy- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:657915 HCAPLUS  
 DOCUMENT NUMBER: 137:206534  
 TITLE: Terminally-branched polymeric linkers and polymeric conjugates as prodrugs  
 INVENTOR(S): Choe, Yun Hwang; Greenwald, Richard B.  
 PATENT ASSIGNEE(S): Enzon, Inc., USA  
 SOURCE: PCT Int. Appl., 58 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002065988	A2	20020829	WO 2002-US4781	20020219
WO 2002065988	A3	20030410		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2437989	AA	20020829	CA 2002-2437989	20020219
US 2002183259	A1	20021205	US 2002-78730	20020219
EP 1362053	A2	20031119	EP 2002-721033	20020219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2004532289 T2 20041021 JP 2002-565549 20020219  
 PRIORITY APPLN. INFO.: US 2001-270009P P 20010220  
 WO 2002-US4781 W 20020219

OTHER SOURCE(S): MARPAT 137:206534

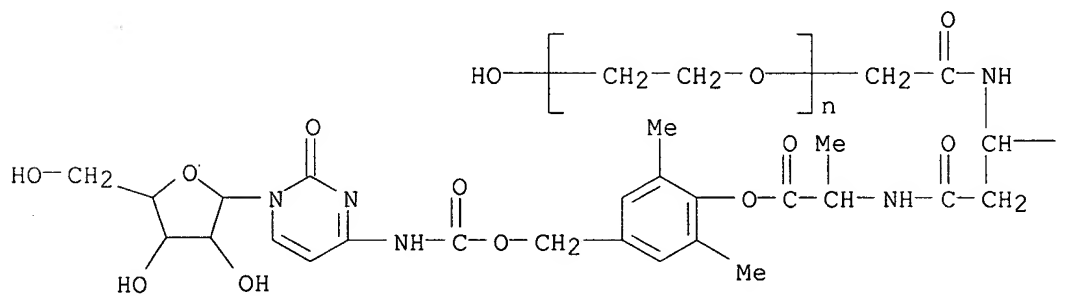
IT **452369-80-1P**

RL: AMX (Analytical matrix); PAC (Pharmacological activity); SPN  
 (Synthetic preparation); THU (Therapeutic use); ANST (Analytical study);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of terminally-branched polymeric linkers and polymeric  
 conjugates as prodrugs)

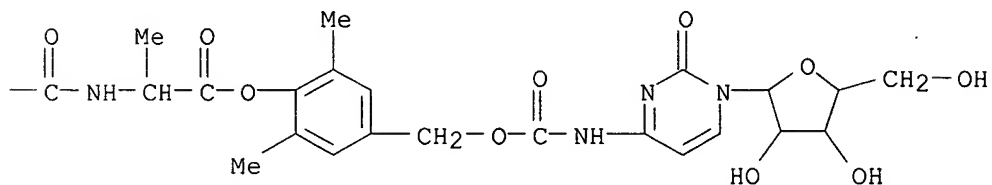
RN 452369-80-1 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, 1-monoether with  
 N-(hydroxyacetyl)-L-aspartoylbis[L-alanine] bis[4-[[[(1- $\beta$ -D-  
 arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]methyl  
 ]-2,6-dimethylphenyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



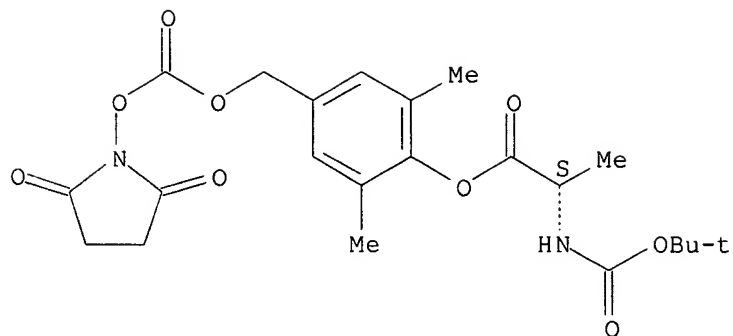
IT **452369-76-5P 452369-77-6P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
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 (preparation of terminally-branched polymeric linkers and polymeric  
 conjugates as prodrugs)

RN 452369-76-5 HCAPLUS

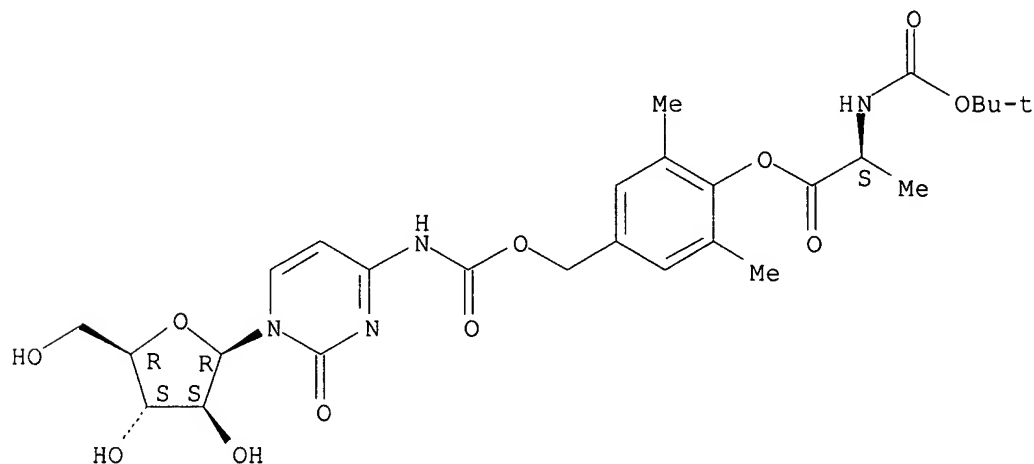
CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(2,5-dioxo-1-  
 pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI) (CA  
 INDEX NAME)

Absolute stereochemistry.



RN 452369-77-6 HCAPLUS  
 CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(1-β-D-arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:130614 HCAPLUS  
 DOCUMENT NUMBER: 137:341957  
 TITLE: Anticancer drug delivery systems: multi-loaded N4-acyl poly(ethylene glycol) prodrugs of ara-C. II. Efficacy in ascites and solid tumors  
 AUTHOR(S): Choe, Yun H.; Conover, Charles D.; Wu, Dechun; Royzen, Maksim; Gervacio, Yoany; Borowski, Virna; Mehlig, Mary; Greenwald, Richard B.  
 CORPORATE SOURCE: Enzon, Inc., Piscataway, NJ, 08854-3969, USA  
 SOURCE: Journal of Controlled Release (2002), 79(1-3), 55-70  
 CODEN: JCREEC; ISSN: 0168-3659  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 452369-80-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

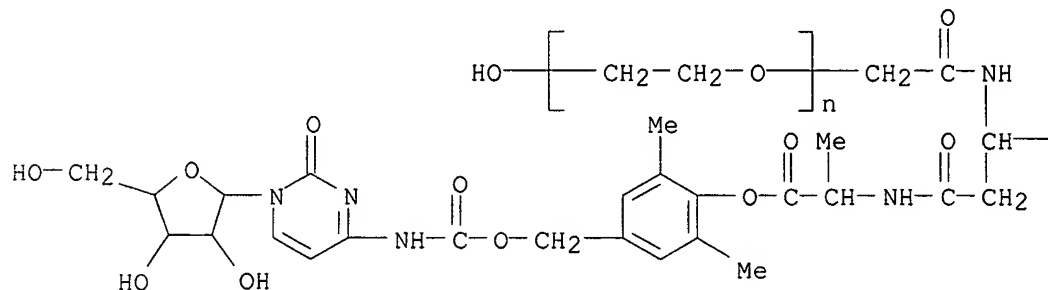
(Uses)

(preparation and efficacy in ascites and solid tumors of multi-loaded  
N4-acyl polyethylene glycol prodrugs of ara-C)

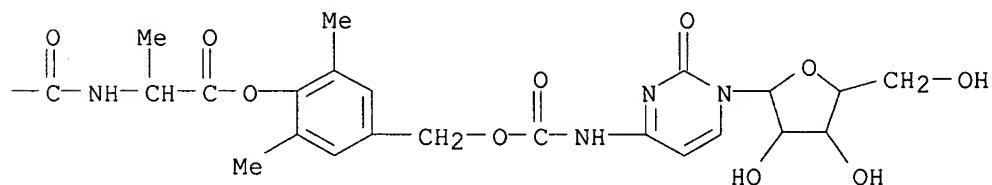
RN 452369-80-1 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, 1-monoether with  
N-(hydroxyacetyl)-L-aspartoylbis[L-alanine] bis[4-[[[(1- $\beta$ -D-  
arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]methyl  
]-2,6-dimethylphenyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



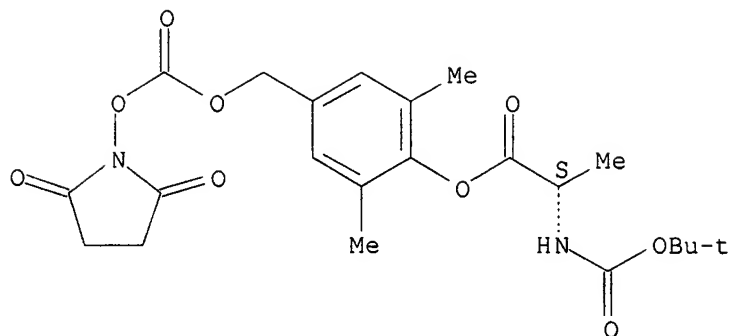
IT 452369-76-5P 452369-77-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)(preparation and efficacy in ascites and solid tumors of multi-loaded  
N4-acyl polyethylene glycol prodrugs of ara-C)

RN 452369-76-5 HCAPLUS

CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(2,5-dioxo-1-  
pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI) (CA  
INDEX NAME)

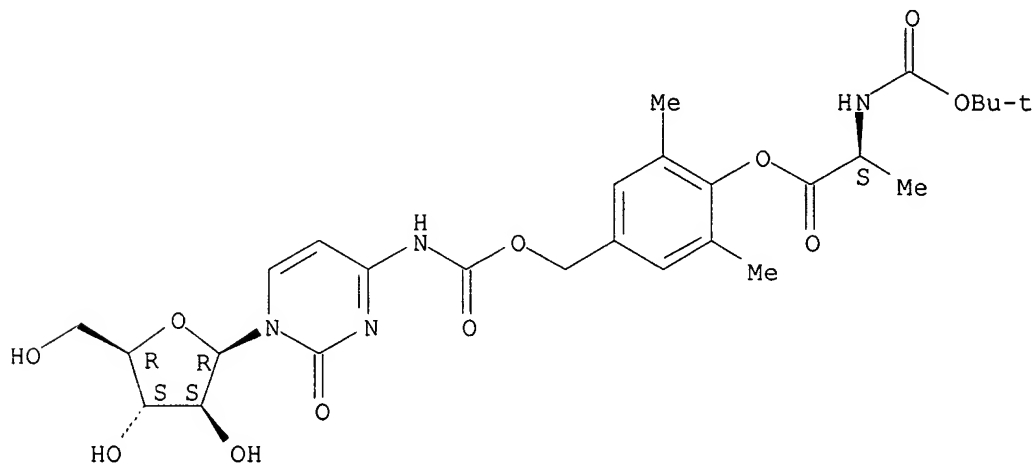
Absolute stereochemistry.



RN 452369-77-6 HCAPLUS

CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(1-β-D-arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2004:299904 USPATFULL

TITLE: Polymeric oligonucleotide prodrugs

INVENTOR(S): Zhao, Hong, Edison, NJ, UNITED STATES

Greenwald, Richard B., Somerset, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004235773	A1	20041125
APPLICATION INFO.:	US 2004-822205	A1	20040409 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-462070P	20030413 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: MUSERLIAN, LUCAS & MERCANTI, LLP, 15th Floor, 475 Park Avenue South, New York, NY, 10016

NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Page(s)

LINE COUNT: 1642

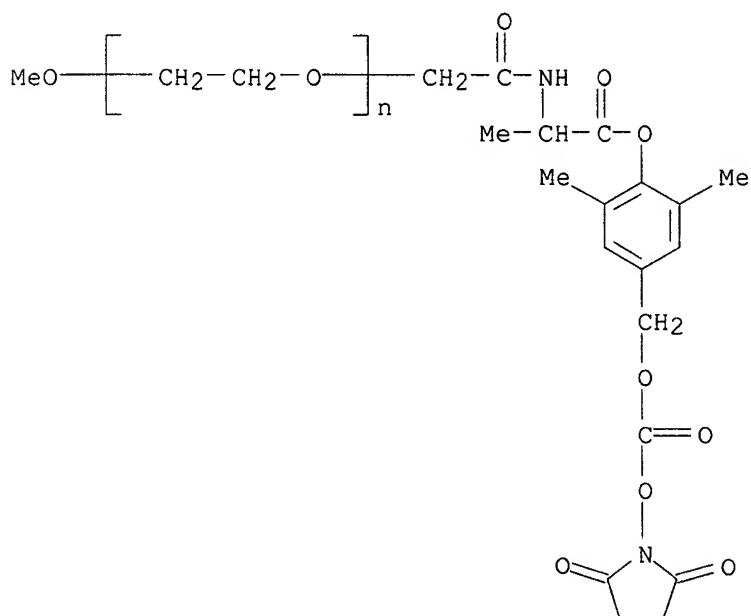
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 780810-34-6

(preparation of polyethylene glycol oligodeoxyribonucleotide conjugates as antitumor prodrugs)

RN 780810-34-6 USPATFULL

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[2-[[[(1S)-2-[4-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenoxy]-1-methyl-2-oxoethyl]amino]-2-oxoethyl]- $\omega$ -methoxy- (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2002:323093 USPATFULL

TITLE: Terminally-branched polymeric linkers and polymeric conjugates containing the same

INVENTOR(S): Choe, Yun Hwang, Green Brook, NJ, UNITED STATES  
Greenwald, Richard B., Somerset, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002183259	A1	20021205
APPLICATION INFO.:	US 2002-78730	A1	20020219 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270009P	20010220 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Michael N. Mercanti, ROBERTS & MERCANTI, L.L.P., Suite	

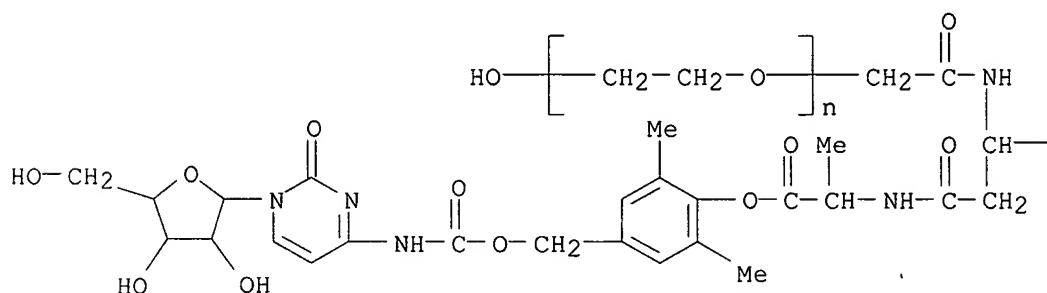
203, 105 Lock Street, Newark, NJ, 07103  
 NUMBER OF CLAIMS: 22  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 5 Drawing Page(s)  
 LINE COUNT: 1429  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT **452369-80-1P**

(preparation of terminally-branched polymeric linkers and polymeric  
 conjugates as prodrugs)

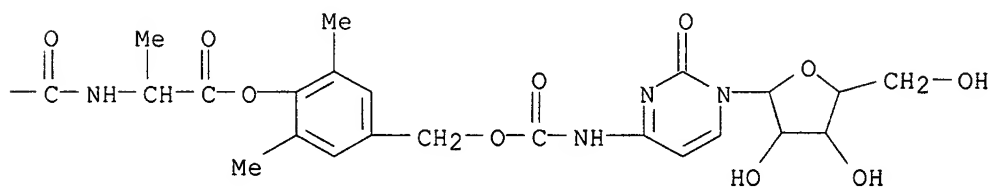
RN 452369-80-1 USPATFULL

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy-, 1-monoether with  
 N-(hydroxyacetyl)-L-aspartoylbis[L-alanine] bis[4-[[[(1- $\beta$ -D-  
 arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]meth  
 yl]-2,6-dimethylphenyl] ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



IT **452369-76-5P 452369-77-6P**

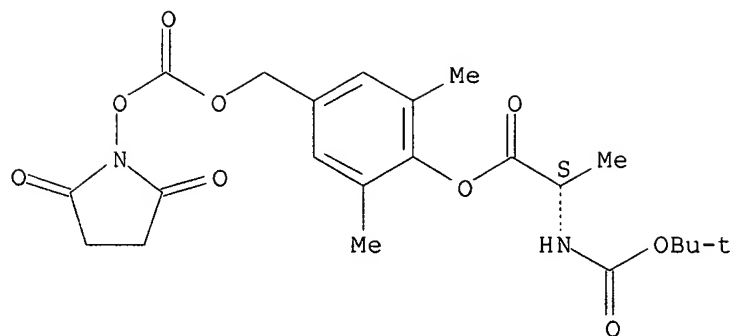
(preparation of terminally-branched polymeric linkers and polymeric  
 conjugates as prodrugs)

RN 452369-76-5 USPATFULL

CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(2,5-dioxo-1-  
 pyrrolidinyl)oxy]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.





RN 452369-77-6 USPATFULL

CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-, 4-[[[(1-β-D-arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)amino]carbonyl]oxy]methyl]-2,6-dimethylphenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

